



2013 NASA SLP

Student Launch Projects



Rocket Fair: April 19

11 a.m.-1 p.m. MSFC Activities Building (4316)

FREE
PIZZA!

Launch Day: April 20

Opening ceremonies begin at 7:30 a.m., Bragg Farms

Rain Day: April 21

Opening ceremonies begin at 7:30 a.m., Bragg Farms

Sponsored by ATK Aerospace Group

**Rocket Fair**

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NASA Student Launch Projects (SLP)

Bragg Farms

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Rain Date

Bragg Farms

Launch Day: April 21

Opening ceremonies begin at 7:30 a.m.

Launch is free and open to the public.

What are the Student Launch Projects?

The NASA Student Launch Projects (SLP) challenges middle school, high school, and college students in designing, building, and launching a reusable rocket to 1 mile above ground level with a scientific or engineering payload.

SLP is an 8-month commitment requiring teams to submit a series of reports and reviews, develop a Web site, provide educational engagement in their local community, and provide a timeline, a budget, and other requirements.

Are these projects contests?

College and University: Yes. Each team is competing for various prizes including a grand prize of \$5,000 sponsored by ATK Aerospace Group. The overall winner will be announced after the final reports are completed.

Middle and High School: No. However, teams competed and placed in the top at the Team America Rocketry Challenge (TARC) or the Rockets for Schools Competition. As a result, teams were eligible to propose to be a part of this year's SLP.

Information can be obtained from the following:

- SLP: <http://education.msfc.nasa.gov/slp>
- Julie Cliff at julie.d.cliff@nasa.gov
- Eddie Jeffries (Jacobs ESSSA) at edward.m.jeffries@nasa.gov

Launch information line: 256-961-1334

Directions to Bragg Farms

1180 Grimwood Road, Toney, Alabama 35773

From MSFC:

1. North on Research Park Blvd. (Hwy 255) to Pulaski Pike.
2. Turn north (left) onto Pulaski Pike.
3. Go 3.6 miles until Pulaski Pike veers to the left. Instead of following Pulaski Pike, go straight onto Patterson Lane. There will immediately be a sharp right turn.
4. After 0.7 miles, turn left on Murphy Hill Road, which is the first road to the left.
5. Take Murphy Hill Road 1.8 miles to Grimwood Road.
6. Turn east (right) on Grimwood.
7. Take Grimwood 0.9 miles to Bragg Farms. The farm will be on the south side of Grimwood Road.

From Downtown Huntsville:

1. Take Hwy 231/431 North to Grimwood Road. Grimwood Road is 5 miles north of Bob Wade Lane and 0.7 miles north of Meridianville Middle School.
2. Turn west (left) onto Grimwood Road.
3. Go 2.5 miles to Bragg Farms. The farm will be on the south side of Grimwood Road.

What to bring:

- Chairs.
- Small cooler with lunch and snacks.
- Food vendors will be available at the launch field and accepting cash only.
- Sturdy shoes.
- Insect repellent.
- Appropriate weather related items: sunscreen, sunglasses, hat, jacket.

Safety Statement

Please be advised that hazards are inherent in launching and in viewing launches. By accepting the invitation to view the launch, you indicate your understanding of the potential risk.

Although NASA applies stringent range safety principles and techniques to protect the general public, workforce, and property during launch, in the event of an inadvertent circumstance, hazards including debris, blast, and toxics may occur.

It is imperative that you stay within controlled areas, stay with your group, and strictly follow all instructions provided by NASA.

NASA Student Launch Projects are sponsored by ATK Aerospace Group with the annual launch event hosted at Bragg Farms in Toney, Alabama. Launch services are provided by the National Association of Rocketry.

2012–2013 NASA Student Launch Teams (Middle/High School)

Durham Area Rocketry Team—Durham, NC
Falls Church High School—Falls Church, VA
Harmony Magnet Academy—Strathmore, CA
Katalyst for Katastrophy—Spring Grove, IL.
Krueger School of Applied Technologies—San Antonio, TX
Lake Braddock Secondary School—Burke, VA.
Lake Zurich High School—Lake Zurich, IL.
Lucy Rede Franco Middle School—Presidio, TX
Madison West High School Irradiance—Madison, WI
Madison West High School Sound—Madison, WI
Millington High School—Millington, MI
Minster Junior/Senior High School—Minster, OH
Oak Park High School—Oak Park, CA
Plantation High School—Plantation, FL.
Rockwall Heath High School—Heath, TX
Spring Grove Area High School—Spring Grove, PA
St. Anthony's High School—South Huntington, NY
St. Vincent-St. Mary High School—Akron, OH
Thomas Jefferson High School—Alexandria, VA
Victory Christian Center—Charlotte, NC
Waverly-Shell Rock High School—Waverly, IO

2012–2013 NASA Student Launch Teams (University/College)

Alabama A&M University—Normal, AL
California Polytechnic Pomona—Pomona, CA
Century College—White Bear Lake, MN
Citrus College—Glendora, CA
Clark College—Vancouver, WA
Florida A&M University—Tallahassee, FL
Georgia Institute of Technology—Atlanta, GA
Harper College—Palatine, IL
Massachusetts Institute of Technology—Cambridge, MA
Mississippi State University—Starkville, MS
New Mexico State University—Las Cruces, NM
North Carolina State University—Raleigh, NC
Northwest Indian College—Bellingham, WA
Northwestern University—Evanston, IL
Pennsylvania State University—University Park, PA
Purdue University—West Lafayette, IN
Santa Fe College—Gainesville, FL
Tarleton State University—Stephenville, TX
University of Alabama—Tuscaloosa, AL
University of Alabama in Huntsville—Huntsville, AL
University of California Davis—Davis, CA
University of Central Florida—Orlando, FL
University of Florida—Gainesville, FL
University of Illinois Urbana Champaign—Champaign, IL
University of Louisville—Louisville, KY
University of Minnesota—Minneapolis, MN
University of Nebraska—Lincoln, NE
University of New Hampshire—Durham, NH
University of North Carolina Charlotte—Charlotte, NC
University of North Dakota—Grand Forks, ND
University of Notre Dame—South Bend, IN
University of South Alabama—Mobile, AL
Vanderbilt University—Nashville, TN
Virginia Tech—Blacksburg, VA.
Western Kentucky University—Bowling Green, KY
Windward Community College—Kaneohe, HI

National Aeronautics and Space Administration

George C. Marshall Space Flight Center

Huntsville, AL 35812

www.nasa.gov/marshall